SEQUENCE LISTING

<110> TOYO BOSEKI KABUSHIKI KAISHA

<120> MODIFIED THERMOSTABLE DNA POLYMERASE

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<150> 2000-138796

<151> 2000-05-11

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<170> Patent In Ver. 2.1

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cctggattgt tctacaagat tatgggggat gaaag atg atc ctc gac act gac 173

Met Ile Leu Asp Thr Asp 1 5

85

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490

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795 800 805

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Gly Phe Ile Pro Ser Leu Leu Gly Asp Leu Leu Glu Glu Arg Gln Lys
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Ile Lys Lys Lys Met Lys Ala Thr Ile Asp Pro Ile Glu Arg Lys Leu

825 830 835

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875 880 885

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Asn His Val Leu Asn Leu Val Glu Leu Leu Gly Thr Pro Glu Glu

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1385

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1390

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Ala Asp	Ala Glu	ı Thr	Val	Lys	Lys	Lys	Ala	Met	Glu	Phe	Leu	Lys	Tyr	
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Glu Glu Val Lys Lys Ile Thr Ala Glu Arg His Gly Thr Val Val Thr

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85

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70 75 80

Glu Val Trp Lys Leu Tyr Phe Thr His Pro Gln Asp Val Pro Ala Ile

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Arg Asp Lys Ile Arg Glu His Pro Ala Val Ile Asp Ile Tyr Glu Tyr

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Glu Gly Gly Tyr Val Lys Glu Pro Glu Arg Gly Leu Trp Glu Asn Ile 385 390 395 400

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Asn Val Ser Pro Asp Thr Leu Asn Arg Glu Gly Cys Lys Glu Tyr Asp
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Val Ala Pro Gln Val Gly His Arg Phe Cys Lys Asp Phe Pro Gly Phe
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Lys Lys Met Lys Ala Thr Ile Asp Pro Ile Glu Arg Lys Leu Leu Asp 465 470 475 480

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Lys Tyr Ala Val Ile Asp Glu Glu Gly Lys Ile Thr Thr Arg Gly Leu 595 600 605

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